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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Divisional Patent Application of  
AOKI ET AL.


Group Art Unit: 2817

Serial No. 09/974,578

Examiner: NGUYEN, KHANH V.

Filed: 10/09/2001

For: DISTRIBUTED CIRCULAR  
GEOMETRY POWER  
AMPLIFIER ARCHITECTURE

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**RESPONSE TO OFFICE ACTION**

In response to the Office Action mailed December 19, 2002 (Paper No. 10), Applicants respectfully submit the following amendments in the above-referenced application. All pending claims are believed to be in condition for allowance.

**In the Claims:**

All pending claims are herewith presented for the convenience of the examiner.

1. A distributed, circular geometry, power amplifier for amplifying an RF input signal, comprising:

a plurality of push-pull amplifiers, each amplifier including two gain blocks, each having an input port with positive and negative terminals and an output port with positive and negative terminals, wherein:

(i) the two gain blocks of each push-pull amplifier are interconnected at the positive terminals of their respective output ports by an inductive path and share a common supply voltage to the positive terminals of their respective output ports;

(ii) the negative terminal of the output port of each gain block of each push-pull amplifier is connected to negative terminal of the output port of a gain block of an adjacent push-pull